

Document Modification Request

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|--|---|-----------|---|--|---|
| 25 DMR No. 96-DMR-ERM-0023 | | | | | |
| 1. Name/Phone/Pager/Location David Barnes / 5352 / 3542 / T891D | | | | | 2. Date 04-25-96 |
| 3. Existing Document Number and Revision RF/ER-95-0118 | | | | | 4. Document Type <input type="radio"/> Procedure <input checked="" type="radio"/> Plan <input type="radio"/> Other |
| 5. Document Title Consolidated Water Treatment Facility Health and Safety Plan | | | | | |
| 6. Item | 7. Page | 8. Step | 9. Proposed Modification | | |
| 1 | 38 | Table 4.3 | Replace "and environmental" with "RFETS procedures and management specified". | | |
| 2 | 59 | 6.5 | Replace "Operators may monitor controls and gauges in" with "Plant personnel may operate". Delete "with the roving foreman". | | |
| 3 | 70 | 8.1 | Delete "(not required for non-working supervisory personnel or casual visitors under escort)". | | |
| 10. Item | | | | | |
| 10a. Justification (reason for modification, EJO #, TP #, etc.) | | | | | |
| 1 | | | | | |
| Clarification - no content change. | | | | | |
| 2 | | | | | |
| Qualifications for CWTF operators have been upgraded to require a Colorado Industrial Class C Water Treatment License. Lead operator supervision of all plant operations is no longer necessary. | | | | | |
| 3 | | | | | |
| Exception eliminated at management request to conform to verbatim compliance of posted signs. | | | | | |
| 11. | | | | | |
| 12. | | | | | |
| | | | | | 13. New Document/Rev. No. (if new or changed) |
| Complete either Section 14a or 14b as applicable. For procedures, attach completed Procedure Modification Worksheet from 1-A01-PROC DEV-400. | | | | | |
| 14a. Type of Complete Modification/14b. Changes (check all that apply) Additional Attributes | | | | | |
| <input type="radio"/> New <input type="radio"/> Revision <input type="radio"/> Intent Change <input checked="" type="radio"/> Non-intent Change <input type="radio"/> Temporary <input type="radio"/> One-Time Use <input type="radio"/> Cancellation <input type="radio"/> Editorial Correction <input type="radio"/> Regular <input type="radio"/> One-Time-Use <input type="radio"/> Interim Approval Requested - Needed for Immediate Use <input type="radio"/> Limited Distribution | | | | | |
| (14-day limit for obtaining final approval) | | | | | |
| 15. ERM Change Control Board Required <input type="radio"/> Yes <input type="radio"/> No (Applicable only to new procedures, revisions, and intent changes) | | | | | |
| List the reviewing disciplines in Block 16. After concurrence has been obtained (in accordance with 1-A01-PROC DEV-400), enter the name of the reviewer followed by /s/ in block 17. | | | | | |
| If the reviewer indicates <i>No comments</i> , the review signature constitutes concurrence. Enter the date concurrence is obtained in Block 18. | | | | | |
| 16. Organization | 17. Reviewer/Concurrence (print/sign) | 18. Date | 16a. Organization | 17a. Reviewer/Concurrence (print/sign) | 18a. Date |
| RMRS H & S | M D Schreckengast <i>M.D. Schreckengast</i> | 4-29-96 | | | |
| RMRS ERM PM | J R Cinillo <i>J.R. Cinillo</i> | 4-29-96 | | | |
| RMRS QA | R S Luker <i>R.S. Luker</i> | 4-29-96 | | | |
| 19. Assigned SME/Phone/Pager/Location | | | | | |
| NA | | | 20. Cost Center | 21. Charge Number | 22. Requested Completion Date |
| NA | | | NA | NA | NA |
| 23. Prescreen/Screen/USQD Number | | | 24. Independent Safety Review Meeting and Date | | |
| NA | | | NA | | |
| 26. After obtaining ALL required signatures, Responsible Manager's Approval (print/sign/date) (Not required for New procedures or Revisions) | | | | | 27. Effective Date |
| RMRS CTR M. T. Vess <i>M. T. Vess</i> 4/29/96 | | | | | 5/2/96 |
| | | | | | 28. Expiration Date (if applicable) NA |

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

Table 4.3 (Continued)
Subcontractor Personnel Responsibilities

| Title | General Description | Responsibilities |
|------------------------------|--|--|
| Health and Safety Specialist | Provides support of operations involving monitoring processes and radiological contaminants. | <ul style="list-style-type: none">• Performs routine monitoring of lab and PPE waste materials in accordance with applicable RFETS procedures to ensure control of radiological contaminants.• Performs routine monitoring of sample shipment containers in accordance with RMRS procedures to ensure control of radiological contaminants.• Performs special monitoring for radiological contaminants as required in accordance with RMRS procedures.• Conducts air monitoring, as required. |
| Plant Operator | Provides daily operations and maintenance of the facility. Stop work authority. | <ul style="list-style-type: none">• Follows standard operating procedures. Verifies that the plant is operating in a safe manner and complies with RFETS procedures and management specified regulations.• Maintains daily records of all activities.• Advises Project Health and Safety Officer of any unusual events. |

with the requirements presented in this section and may also be accompanied by an operator, as appropriate. Communication between CWTF personnel shall be maintained at all times via voice communication or two way radio communication.

No areas of the CWTF are considered to be exclusion zones due to hazardous material, radiological, or physical hazards. It is still desirable to minimize and control general access to protect equipment and prevent accidental release of hazardous or radiological materials, therefore access to all enclosed areas of the facility, except the office, shall be controlled by CWTF personnel.

A map of the CWTF is attached as Figure 3.1.

6.5 BUDDY SYSTEM

All work that requires an operator to directly handle, sample or transport hazardous materials, hazardous waste or waste containers at Rocky Flats requires the use of the buddy system. This includes process chemical preparation, drum or chemical transfers, and maintenance. The buddy system ensures that each worker is observed by another worker who can provide rapid assistance in case of emergency. In addition, any work requiring greater than Level D protection requires use of the buddy system. Plant personnel may operate the plant without use of the buddy system provided radio contact is maintained. At no time shall any worker engage in any kind of emergency response without the use of the buddy system. Workers shall immediately evacuate the danger area upon discovery of a potential emergency situation.

8.1 CLOTHING

The use of Level D protective equipment is defined by the following criteria:

- No contaminants are present, or contaminants are present below the action levels established in the HASP for respirator use; **and**
- Work functions preclude splashes, immersion, or potential for unexpected inhalation of any chemicals.

Experience with previous treatment operations indicates that the chance of encountering contamination in the work area is minimal given the low concentration of contaminants. Therefore, Level D protection will be adequate during most normal work activities. This is a field work uniform affording minimal protection, consisting of the following PPE:

- Safety boots, leather or chemical resistant, with steel toe and shank.
- Safety glasses (ANSI Z87.1-1989 compliant) with side shields or goggles.

The following additional PPE may be required as part of Level D protection depending on the specific tasks being performed:

- Coveralls;
- Work gloves;
- Face shield.
- Hard hat

In addition, proper chemical resistant gloves shall be worn when handling process treatment chemicals. Face shields and aprons shall also be worn during operations with the potential for splashing. A poly-coated Tyvek suit may also be worn if the splashing potential is judged to be high. Tank top shirts, shorts, and tennis shoes are not permissible. PPE shall meet the requirements applicable to ANSI and OSHA standards. Where appropriate and more stringent, the subcontractor will comply with Rocky Flats Plant PPE requirements. Modifications or substitutions of the PPE specified herein shall require the concurrence of the Site Safety Officer and be subject to written approval by RMRS project management.